

CLAIMS

1. Pyrotechnical firing installation comprising a plurality of detonators (3, 4), each with an electric cable (5, 6) comprising at least two connection conductors, and a surface line to which the cable of each detonator is connected, characterised in that the surface line is formed by sections, every section comprising a terminal or end part (5a, 6a) of the electric cable (5, 6) coming from a detonator (3, 4) and an end connector (7, 8) to electrically connect this terminal part (5a, 6a) to the cable of the next detonator at a point of the latter defining the origin of its terminal part.
2. Detonator comprising an electric cable, the free end of which is provided with a connector for implementing the installation according to claim 1, characterised in that the connector comprises a first part (20) solid with the end of the cable, provided laterally with connection pins (21, 22, 23) and on the opposite side to these pins a pushing wall (29), and a second part (36) comprising a slide (37) and a stop wall (43), into which the first part (20) is mounted movable in relation to the stop wall (43) which faces the connection pins (21, 22, 23), the wall (43) and the slide (37) defining a seat suitable for receiving an electric cable (5, 6) oriented transversely to the cable equipped with the connector.
3. Detonator according to claim 2, characterised in that the slide (37) comprises lateral walls (38, 39, 40), perpendicular to the stop wall (43), of which at least one (40) comprises on the outside holding means (47) of the first part (20) provided to this effect with a flexible locking tab (30) approximately perpendicular to the pushing surface (29).
4. Detonator according to any one of the claims 2 and 3, characterised in that the profile of the section of the electric cable (5, 6)

-9-

corresponds with regard to shape to the profile of the seat (45, 46) of the second part (36) of the connector.

5. Detonator according to claim 4, characterised in that the cable (5, 6) has a flat part (48) and in that the seat has a corresponding flat surface passed through by the connection pins (21, 22, 23) of the first part (20) of the connector.
6. Detonator according to claim 5, characterised in that the stop wall (43) is provided, opposite the slide (36), with a lateral wedging bead (46) for the cable received in the seat.